

Storm Data and Unusual Weather Phenomena - July 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE ERIE				
MICHIGAN WATERS OF LAKE ERIE FROM DETROIT RIVER TO NORTH CAPE MI COUNTY --- MONROE HARBOR [41.92, -83.40]				
	07/08/08 14:28 EST		0	Marine Thunderstorm Wind (EG 52 kt)
	07/08/08 14:28 EST		0	Source: Trained Spotter
A severe thunderstorm moved through Western Lake Erie near Monroe.				
LAKE HURON				
PORT SANILAC TO PORT HURON MI COUNTY --- PORT HURON [42.98, -82.42]				
	07/22/08 17:43 EST		0	Marine Thunderstorm Wind (EG 52 kt)
	07/22/08 17:43 EST		0	Source: Law Enforcement
A severe thunderstorm over Port Huron moved into the southern Lake Huron waters.				
LAKE ST CLAIR				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 7.6 N METROPOLITAN BEACH [42.58, -82.83]				
	07/16/08 19:00 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/16/08 19:00 EST		0	Source: ASOS
A thunderstorm moving through Lake Saint Clair produced a 41 mph thunderstorm wind gust.				
MICHIGAN, East				
WASHTENAW COUNTY --- 3.3 SW LYNDON CENTER [42.35, -84.13]				
	07/02/08 17:43 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/02/08 17:43 EST		0	Source: Trained Spotter
Two Trees reported down.				
LENAWEE COUNTY --- 0.9 NW ONSTED [42.01, -84.19]				
	07/02/08 17:55 EST		0	Thunderstorm Wind (MG 57 kt)
	07/02/08 17:55 EST		0	Source: Trained Spotter
LENAWEE COUNTY --- 0.9 NW ONSTED [42.01, -84.19]				
	07/02/08 17:58 EST		20K	Thunderstorm Wind (EG 52 kt)
	07/02/08 17:58 EST		0	Source: Trained Spotter
Trees reported down.				
LENAWEE COUNTY --- 3.0 W TIPTON [42.02, -84.13]				
	07/02/08 17:59 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/02/08 17:59 EST		0	Source: Trained Spotter
Trees reported down.				
WASHTENAW COUNTY --- 2.6 WNW DEXTER [42.34, -83.92]				
	07/02/08 18:00 EST		25K	Thunderstorm Wind (MG 65 kt)
	07/02/08 18:00 EST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Tree fell onto a car at Huron River Drive and North Territorial.				
WASHTENAW COUNTY --- DEXTER [42.33, -83.87]				
	07/02/08 18:00 EST		0	Thunderstorm Wind (EG 52 kt)
	07/02/08 18:00 EST		0	Source: Trained Spotter
LENAWEE COUNTY --- 2.7 ESE TIPTON [42.01, -84.02]				
	07/02/08 18:03 EST		0	Thunderstorm Wind (EG 52 kt)
	07/02/08 18:03 EST		0	Source: Trained Spotter
Large tree limbs were reported down.				
WASHTENAW COUNTY --- 1.7 ENE LIMA [42.31, -83.92]				
	07/02/08 18:04 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/02/08 18:04 EST		0	Source: Trained Spotter
Large trees were reported down.				
LENAWEE COUNTY --- 1.0 E RIDGEWAY [42.00, -83.85]				
	07/02/08 18:10 EST		15K	Thunderstorm Wind (EG 52 kt)
	07/02/08 18:10 EST		0	Source: Trained Spotter
Trees reported down.				
LENAWEE COUNTY --- 2.1 NNW ADRIAN LENAWE ARPT [41.90, -84.08]				
	07/02/08 18:12 EST		30K	Thunderstorm Wind (EG 52 kt)
	07/02/08 18:12 EST		0	Source: Trained Spotter
Wires and power poles reported down.				
LENAWEE COUNTY --- 2.2 ENE BIRDSALL [41.96, -83.96]				
	07/02/08 18:16 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/02/08 18:16 EST		0	Source: Trained Spotter
Trees reported down.				
LENAWEE COUNTY --- 0.5 W ADRIAN [41.90, -84.04]				
	07/02/08 18:18 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/02/08 18:18 EST		0	Source: Trained Spotter
Tree fell onto house.				
LENAWEE COUNTY --- 0.7 N ADDISON [41.99, -84.35]				
	07/02/08 18:26 EST		25K	Thunderstorm Wind (EG 54 kt)
	07/02/08 18:26 EST		0	Source: Amateur Radio
Many large trees reported down, shutting down US-127.				
LIVINGSTON COUNTY --- 1.0 W PINCKNEY [42.45, -83.95]				
	07/02/08 18:30 EST		25K	Thunderstorm Wind (EG 52 kt)
	07/02/08 18:30 EST		0	Source: Amateur Radio
Large trees and powerlines reported down.				
WASHTENAW COUNTY --- ANN ARBOR [42.28, -83.73]				
	07/02/08 18:37 EST		0	Thunderstorm Wind (MG 50 kt)
	07/02/08 18:37 EST		0	Source: ASOS
WAYNE COUNTY --- 0.9 NW SIBLEY [42.14, -83.18]				
	07/02/08 18:57 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/02/08 18:57 EST		0	Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Large tree limbs fell down on a car.				
LENAWEE COUNTY --- 1.0 E BIRDSALL [41.95, -83.98]				
	07/02/08 19:20 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/02/08 19:20 EST		0	Source: Trained Spotter
Trees reported down.				
LENAWEE COUNTY --- 0.6 S ADDISON [41.97, -84.35], 2.5 ESE HOLLOWAY [41.91, -83.88], 4.9 SE OGDEN CENTER [41.72, -83.90], 1.5 NNW MUNSON [41.72, -84.34]				
	07/02/08 20:35 EST		0.10M	Flash Flood (due to Heavy Rain)
	07/02/08 21:35 EST		0	Source: Law Enforcement
Local dispatch reported widespread flooding across western and southern sections of Lenawee county.				
An approaching cold front triggered scattered severe thunderstorms during the early evening hours south of M-59.				
LENAWEE COUNTY --- 0.5 E LENAWEET JCT [41.88, -83.92]				
	07/08/08 13:10 EST		0	Thunderstorm Wind (EG 50 kt)
	07/08/08 13:10 EST		0	Source: Trained Spotter
Two large tree limbs reported down.				
LENAWEE COUNTY --- 2.1 SSE RIGA [41.79, -83.82]				
	07/08/08 13:26 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/08/08 13:26 EST		0	Source: Trained Spotter
Two utility poles reported down.				
MONROE COUNTY --- 1.7 SW TEMPERANCE [41.76, -83.59]				
	07/08/08 13:55 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/08/08 13:55 EST		0	Source: Law Enforcement
Wires reported down.				
MONROE COUNTY --- 2.2 WNW YARGERVILLE [41.84, -83.57]				
	07/08/08 14:00 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/08/08 14:00 EST		0	Source: Trained Spotter
Shingles reported blown off a roof.				
MONROE COUNTY --- 0.5 E MONROE [41.92, -83.39]				
	07/08/08 14:28 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/08/08 14:28 EST		0	Source: Trained Spotter
Large trees reported down.				
A few severe thunderstorms developed during the afternoon hours near the Ohio border.				
LAPEER COUNTY --- 0.9 NE ELBA [43.04, -83.44]				
	07/16/08 16:30 EST		0	Hail (1.00 in)
	07/16/08 16:33 EST		0	Source: Trained Spotter
LAPEER COUNTY --- 2.0 W LAPEER [43.05, -83.36]				
	07/16/08 16:30 EST		0	Hail (0.88 in)
	07/16/08 16:30 EST		0	Source: COOP Observer
LAPEER COUNTY --- LAPEER [43.05, -83.32]				
	07/16/08 16:41 EST		0	Hail (1.00 in)
	07/16/08 16:41 EST		0	Source: Trained Spotter

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LAPEER COUNTY --- 0.9 NE ELBA [43.04, -83.44]	07/16/08 16:45 EST		0	Hail (1.00 in)
	07/16/08 16:45 EST		0	Source: Trained Spotter
LAPEER COUNTY --- 0.9 NE ELBA [43.04, -83.44]	07/16/08 17:21 EST		0	Hail (1.00 in)
	07/16/08 17:21 EST		0	Source: Trained Spotter
ST. CLAIR COUNTY --- 0.9 SW CAPAC [43.01, -82.93]	07/16/08 17:22 EST		0	Hail (1.00 in)
	07/16/08 17:22 EST		0	Source: Trained Spotter
ST. CLAIR COUNTY --- 4.5 W BROCKWAY [43.07, -82.84]	07/16/08 17:25 EST		0	Hail (1.00 in)
	07/16/08 17:25 EST		0	Source: Trained Spotter
MIDLAND COUNTY --- 3.5 S AVERILL [43.62, -84.33]	07/16/08 17:32 EST		0	Hail (0.75 in)
	07/16/08 17:32 EST		0	Source: Law Enforcement
ST. CLAIR COUNTY --- 1.0 W YALE [43.13, -82.80]	07/16/08 17:40 EST		0	Hail (1.00 in)
	07/16/08 17:40 EST		0	Source: Trained Spotter
ST. CLAIR COUNTY --- 1.0 W YALE [43.13, -82.80]	07/16/08 17:45 EST		0	Hail (1.75 in)
	07/16/08 17:45 EST		0	Source: SHAVE Project
ST. CLAIR COUNTY --- 1.0 W YALE [43.13, -82.80]	07/16/08 17:50 EST		0	Hail (1.00 in)
	07/16/08 17:50 EST		0	Source: Trained Spotter
GENESEE COUNTY --- 0.9 SE GENESEE DUFORD ARPT [43.11, -83.62]	07/16/08 17:54 EST		0	Hail (1.00 in)
	07/16/08 17:54 EST		0	Source: Trained Spotter
ST. CLAIR COUNTY --- 1.0 W YALE [43.13, -82.80]	07/16/08 17:55 EST		0	Hail (1.00 in)
	07/16/08 17:55 EST		0	Source: Trained Spotter
GENESEE COUNTY --- 0.9 SE GENESEE DUFORD ARPT [43.11, -83.62]	07/16/08 18:00 EST		0	Hail (1.75 in)
	07/16/08 18:00 EST		0	Source: Amateur Radio
SAGINAW COUNTY --- ST CHARLES [43.30, -84.15]	07/16/08 18:25 EST		0	Thunderstorm Wind (MG 61 kt)
	07/16/08 18:25 EST		0	Source: Trained Spotter
Large tree limbs reported down.				
SAGINAW COUNTY --- 2.0 W SHIELDS [43.42, -84.09]	07/16/08 18:30 EST		0	Hail (0.75 in)
	07/16/08 18:30 EST		0	Source: Trained Spotter
SAGINAW COUNTY --- 2.0 W SHIELDS [43.42, -84.09]	07/16/08 18:30 EST		0	Thunderstorm Wind (EG 52 kt)
	07/16/08 18:30 EST		0	Source: Trained Spotter

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SAGINAW COUNTY --- 2.1 N CARROLLTON [43.48, -83.92]	07/16/08 18:45 EST		0	Thunderstorm Wind (EG 52 kt)
	07/16/08 18:45 EST		0	Source: Trained Spotter
LAPEER COUNTY --- 0.5 E NORTH BRANCH [43.23, -83.19]	07/16/08 18:49 EST		0	Hail (0.75 in)
	07/16/08 18:49 EST		0	Source: Trained Spotter
SAGINAW COUNTY --- 1.0 E SAGINAW [43.42, -83.95]	07/16/08 18:56 EST		0	Hail (0.75 in)
	07/16/08 18:56 EST		0	Source: Broadcast Media
LAPEER COUNTY --- 1.2 SSE ELBA [43.01, -83.45], 2.4 S LAPEER DUPONT ARPT [43.03, -83.27], 1.3 W LAPEER DUPONT ARPT [43.07, -83.30], 1.2 N ELBA [43.05, -83.45]	07/16/08 19:00 EST		20K	Flash Flood (due to Heavy Rain)
	07/16/08 20:00 EST		0	Source: Law Enforcement
Heavy rain caused flash flooding, with roads covered in water, along with flooding reported at the Lapeer Courthouse.				
TUSCOLA COUNTY --- 0.5 E TUSCOLA [43.32, -83.66]	07/16/08 19:32 EST		0.50K	Thunderstorm Wind (EG 52 kt)
	07/16/08 19:32 EST		0	Source: Law Enforcement
A tree was reported down.				
TUSCOLA COUNTY --- 3.8 SSE WATROUSVILLE [43.40, -83.50]	07/16/08 19:32 EST		0.50K	Thunderstorm Wind (EG 52 kt)
	07/16/08 19:32 EST		0	Source: Law Enforcement
A tree was reported down.				
GENESEE COUNTY --- 0.9 SW FLINT [43.02, -83.69]	07/16/08 19:57 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/16/08 19:57 EST		0	Source: Amateur Radio
Trees and power lines reported down.				
SHIAWASSEE COUNTY --- 2.0 SW PERRY [42.80, -84.25]	07/16/08 20:00 EST		0.50K	Thunderstorm Wind (EG 52 kt)
	07/16/08 20:00 EST		0	Source: Public
A tree was reported down.				
GENESEE COUNTY --- 0.9 SE GENESEE DUFORD ARPT [43.11, -83.62]	07/16/08 20:39 EST		0	Thunderstorm Wind (EG 54 kt)
	07/16/08 20:39 EST		0	Source: Amateur Radio
OAKLAND COUNTY --- 1.7 ESE HOLLY ADELPHIAN ARPT [42.77, -83.62]	07/16/08 21:01 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/16/08 21:01 EST		0	Source: Broadcast Media
Trees reported down.				
OAKLAND COUNTY --- HOLLY [42.80, -83.62]	07/16/08 21:01 EST		0	Hail (0.88 in)
	07/16/08 21:01 EST		0	Source: NWS Employee
OAKLAND COUNTY --- 1.7 WSW OXBOW [42.62, -83.50]				

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	07/16/08 21:06 EST		0	Thunderstorm Wind (EG 52 kt)
	07/16/08 21:06 EST		0	Source: Trained Spotter
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LAPEER COUNTY --- 0.5 W ALMONT [42.92, -83.04]				
	07/16/08 21:07 EST		0	Hail (0.75 in)
	07/16/08 21:07 EST		0	Source: Trained Spotter
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MACOMB COUNTY --- 3.5 N ARMADA [42.90, -82.87]				
	07/16/08 21:07 EST		0	Hail (0.75 in)
	07/16/08 21:07 EST		0	Source: Trained Spotter
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A nearly stationary frontal boundary allowed for numerous severe thunderstorm development, with flash flooding occurring in Lapeer county.				
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WASHTENAW COUNTY --- 0.9 NW SALEM [42.41, -83.58]				
	07/21/08 14:50 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/21/08 14:50 EST		0	Source: Fire Department/Rescue
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Trees were reported down.				
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MACOMB COUNTY --- 2.3 NNE ROSEVILLE [42.53, -82.88]				
	07/21/08 18:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/21/08 18:30 EST		0	Source: Trained Spotter
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Four to six inch diameter tree limbs were reported down.				
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Isolated severe thunderstorms developed during the late afternoon hours.				
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MIDLAND COUNTY --- 1.2 NE BOMBAY [43.74, -84.25]				
	07/22/08 14:45 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/22/08 14:45 EST		0	Source: Law Enforcement
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Wires reported down.				
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MIDLAND COUNTY --- MIDLAND [43.62, -84.23]				
	07/22/08 14:50 EST		0	Hail (0.75 in)
	07/22/08 14:50 EST		0	Source: Trained Spotter
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BAY COUNTY --- 3.0 W CRUMP [43.75, -84.14]				
	07/22/08 15:05 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/22/08 15:05 EST		0	Source: Law Enforcement
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Trees and power lines reported down.				
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BAY COUNTY --- 0.7 SE KAWKAWLIN [43.64, -83.94], 1.4 N ESSEXVILLE [43.64, -83.83], 4.6 ESE BAY CITY MUNI ARPT [43.53, -83.81], 2.0 WSW BAY CITY MUNI ARPT [43.54, -83.94]				
	07/22/08 15:30 EST		50K	Flash Flood (due to Heavy Rain)
	07/22/08 16:30 EST		0	Source: Broadcast Media
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Heavy rain of 4 to 5 inches during the afternoon hours caused flash flooding across Bay City. The Bay-Arenac ISD Service Center and Career Center was closed due to flooding. At least a foot of standing water accumulated on Wilder Road. Several residents across Bay City also reported flooded basements.				
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BAY COUNTY --- 2.8 S KAWKAWLIN [43.61, -83.95]				
	07/22/08 15:35 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/22/08 15:35 EST		0	Source: Trained Spotter
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A couple of trees were reported down.				
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TUSCOLA COUNTY --- 2.1 ESE CARO [43.47, -83.36]				
	07/22/08 15:55 EST		0	Hail (0.75 in)
	07/22/08 15:55 EST		0	Source: Trained Spotter

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TUSCOLA COUNTY --- 0.9 SW KINGSTON [43.41, -83.19]				
	07/22/08 16:22 EST		0	Hail (1.00 in)
	07/22/08 16:22 EST		0	Source: Trained Spotter
TUSCOLA COUNTY --- 3.4 SE KINGSTON [43.38, -83.14]				
	07/22/08 16:34 EST		0	Hail (1.00 in)
	07/22/08 16:34 EST		0	Source: Trained Spotter
SANILAC COUNTY --- 3.1 SSW DECKER [43.41, -83.08]				
	07/22/08 16:37 EST		0	Hail (1.00 in)
	07/22/08 16:37 EST		0	Source: Public
SANILAC COUNTY --- 3.1 SSW DECKER [43.41, -83.08]				
	07/22/08 16:37 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/08 16:37 EST		0	Source: Public
Large tree limbs reported down.				
SANILAC COUNTY --- 2.1 N JUHL [43.38, -82.95]				
	07/22/08 17:04 EST		0	Hail (1.00 in)
	07/22/08 17:04 EST		0	Source: Trained Spotter
SANILAC COUNTY --- 0.7 N JUHL [43.36, -82.95]				
	07/22/08 17:05 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/22/08 17:05 EST		0	Source: Trained Spotter
Trees and large branches reported down.				
ST. CLAIR COUNTY --- 0.9 NW PORT HURON [42.99, -82.43]				
	07/22/08 17:43 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/22/08 17:43 EST		0	Source: Law Enforcement
Several trees reported down.				
An upper level disturbance triggered a few severe thunderstorms north of I-69.				